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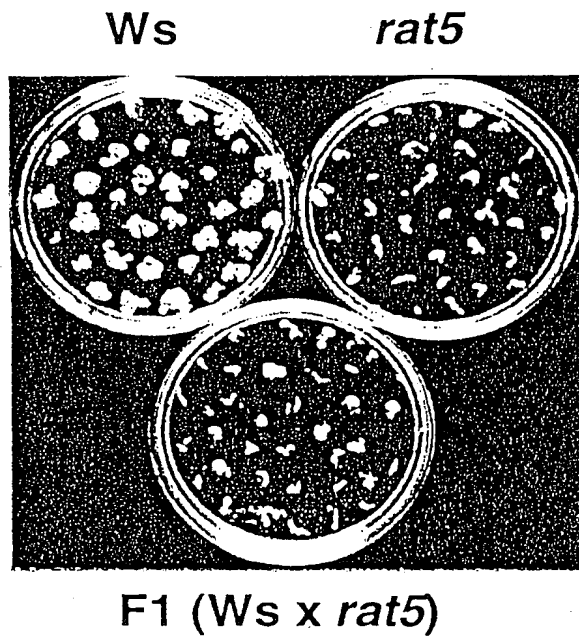
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Fig. 1A



80 TC AAAAGG AAAAGACATTAAATTAGAAATTGAATTTTGAAACATGTTGATAGATCATGTCCTTCTTCTGGGTTACCCAGTT
160 TTGCCCTAAAAACCTAAAAACCAACAGGACCAATCATTTTCGACCACACCAATGACTGGTCTGCCCCCAATCTAGCTATGATA
240 TATCTTAATTTCCGTATGACTTGGATCCATAAAATATTGAAATAGATTGGTGAAACACAAATTACTCTTAAACCTCTTCT
320 CTTTCATGCATGTTCTTTTCTCACTTTTAAACATTTTATATAGTGACATTTTGTAGTAATCCACGTTATTTATATGATTAA
400 GTAAATTCATCAAAATTTATATAGTGATAAAAAATCCACAAATGGTTGTTCAATAAAAATATGAACAAACACAATAGAAATTAGTA
480 AAAAGTGACTATGTTAAATCAATTTTCTCGTGGGTTTGGTGGCGAGTTCTAAACCCCATAGCGGCCCATTTTACTTTCGT
560 AAACTCAATTCGATTTGTTTCAGCGTTCCAAAGCCCATATAATATTATTTCAAGGGCATAAAAATAAATGAGGTTTATATGGA
640 AAAATTTGAAATTTCCCTCGTCCAGAAGAAAACCAACAAAACTGCAAAAGTTCAAAGCGTGGGAGAGAAAAAACTTCAGATC
720 GTAGCCATTCATTAATAATATAATCAACGGTTTAAACCTCTTCGATCCGGTACTCTATTTCTTATGGTCAAAATAACTTAA
800 TCCTCCACATATAACAACAATCAGATTTCTCTGTTAATTTTCGTCAAGAAAAAAATTCGATTTTCTTGGCTCTTTG
880 TGGGTTGTTGTTGTGAAAAATGGCTGGTCTCGTGGAAAAAACTCTTGGATCCGGTGGGCGGAAGAAAGCTACATCTCGGAGTA
960 GCAAAGCCGGTCTTCAATTCGCCGGTGGGTGCGTATCGCTCGTTTCTTAAAGCCGGTAAATACGCCGAACGTGTTGGTGCC
1040 GGTGCTCCGGTTTATCTCGCCGGCGGTCTTCGAAATATTTGGCCGGCGAGGTAAAAATTACATCGTCTTTTCTCTTTTCCCA
1120 TTCCGTTTCCGATCTTATTCGTCTGACTCTGTGTTTTTGGCGTGATCGATTACGAATCTAGGGTCTTTACATTTTCCGAATTT
1200 GACATGCAAAAAATTGAATTAGATTCGTGTTTGAATTGAATTGTTGTAGTTCTGTAAATTGACCTAAATTTTGGGTTTGTCTT
1280 GATTGGTTGATGGTAAATCGAGATCATATGAATCGTTGTAGTTTCTCGCAAGATTCCTAAATTTTCTTCAATATATGGTAAC
1360 CAATTTGATTTGAGTTGTTAAAGTTCTCAAAATTTGGAAAAGTTTGATCATGAATGTGTGTTTTTGAATTTGTTCAAGTTCT
1440 TGAAATTAGCTGAAAACCGCAGCAAGAGACAAACAAGACACAGTATTGTTCTCTCGTCAATTCAGCTTGGCGTCAGAAAACG
1520 ATGAGGAGCTAAGCAAGCTTCTTGGAGATGTGACGATTGCTAAATGGAGGAGTGATGCCCTAAACATCCACAATCTCCTTCTC
1600 CCTAAGAAGGCTGGTCTTCAAAGCCCTCAGGAAAGATTAGGCTTTTAAACACAATGATATAGAACACGTCCTCTCTTTTGCA
1680 TTTTTCAGGATATATTGTGGTGTAAACAAATTGACGCTTAGACAACTTAATAACACATTTGCGGACGTTTTTAAATGTACTG
AATT

Italics → Open reading frame

Bold — **→ Intron**

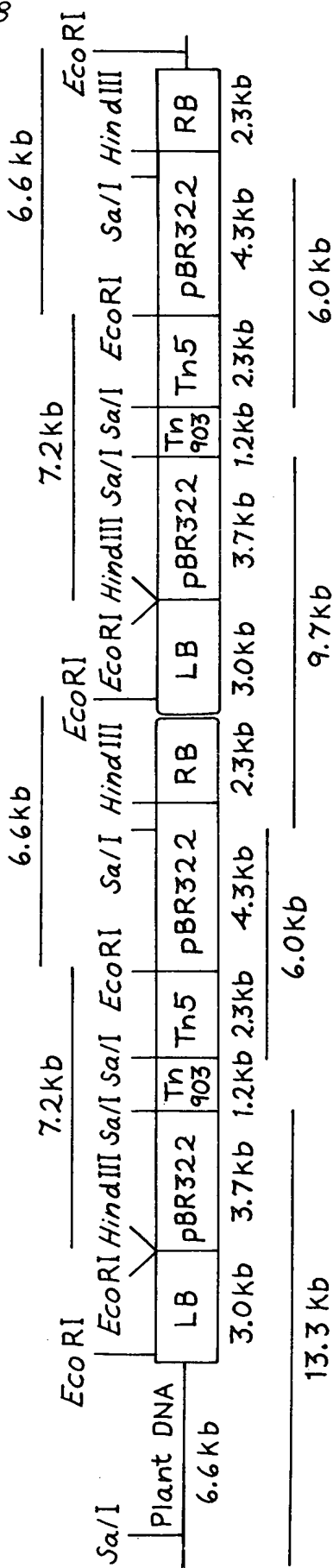
Underline \longrightarrow T-DNA LB sequence

T-DNA insertion site

T-DNA

Fig. 1c

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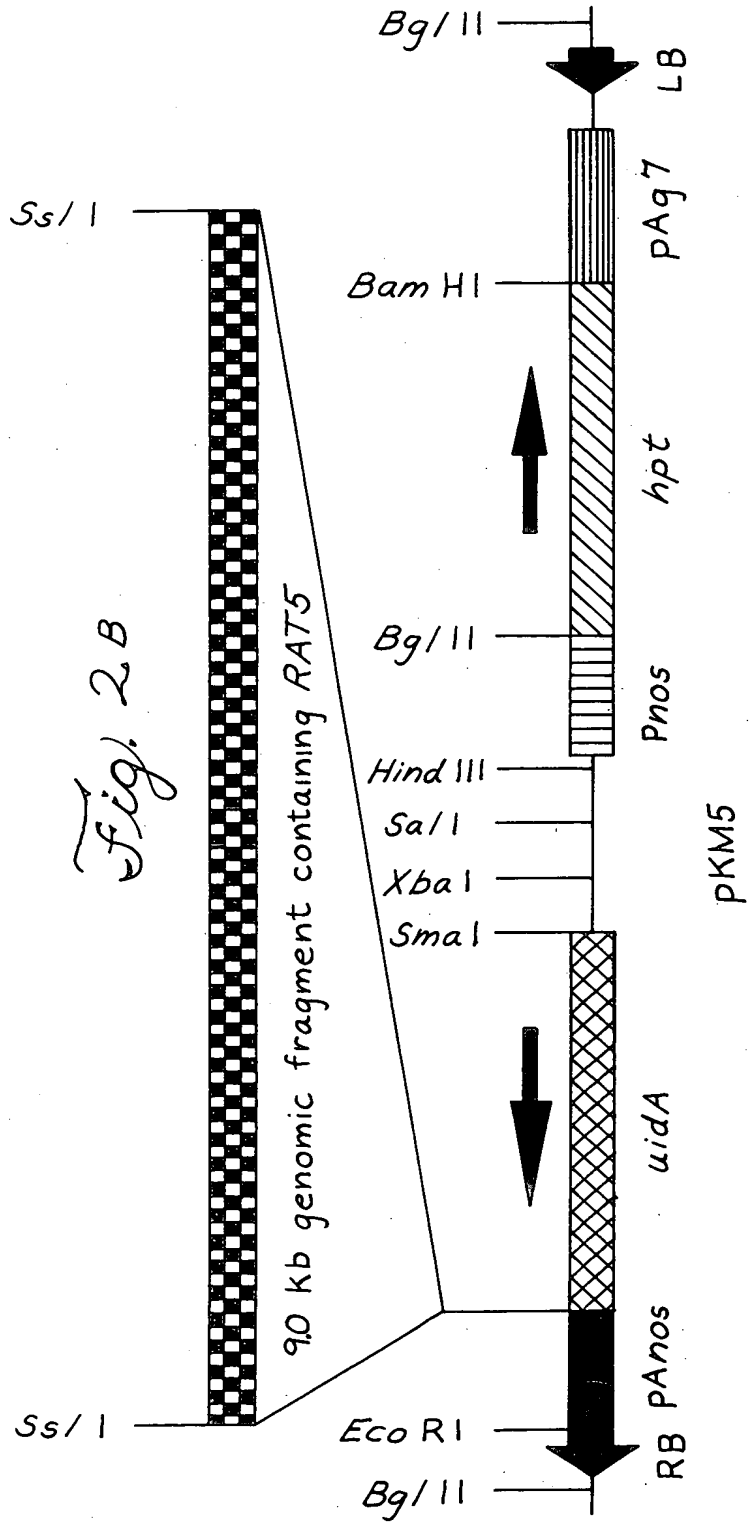
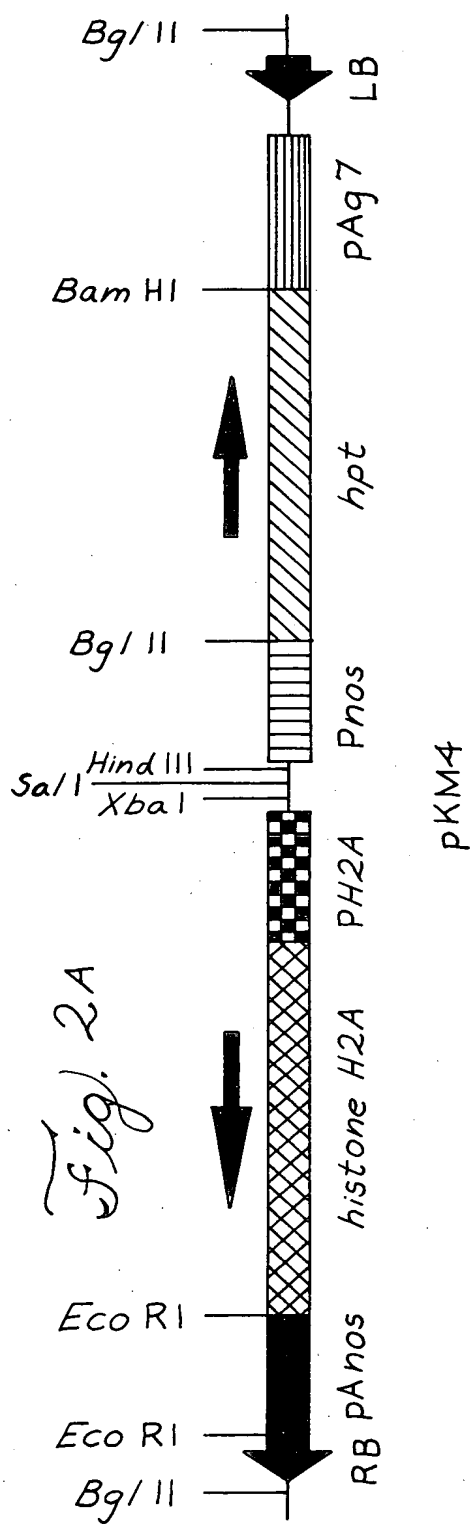
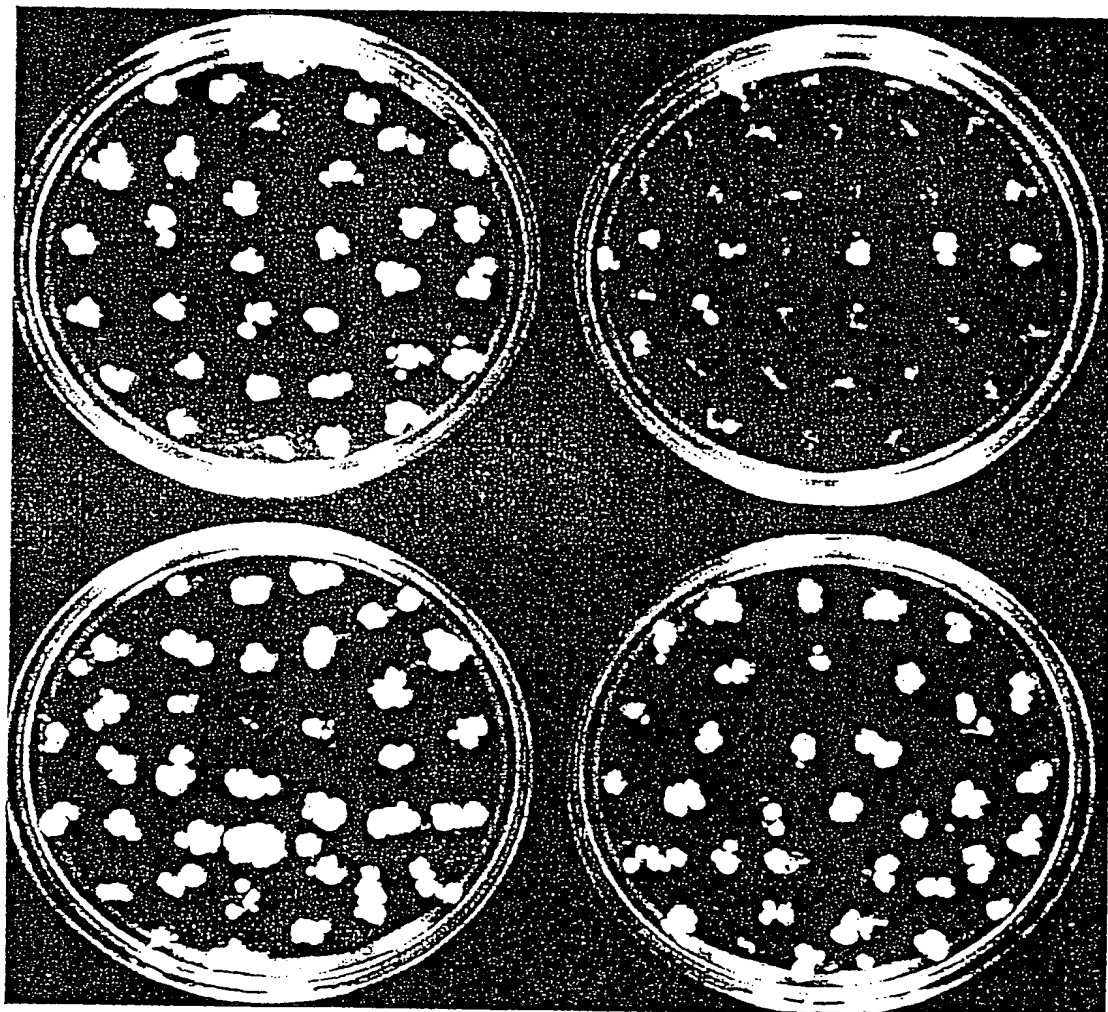


Fig. 2c

Ws

rat5

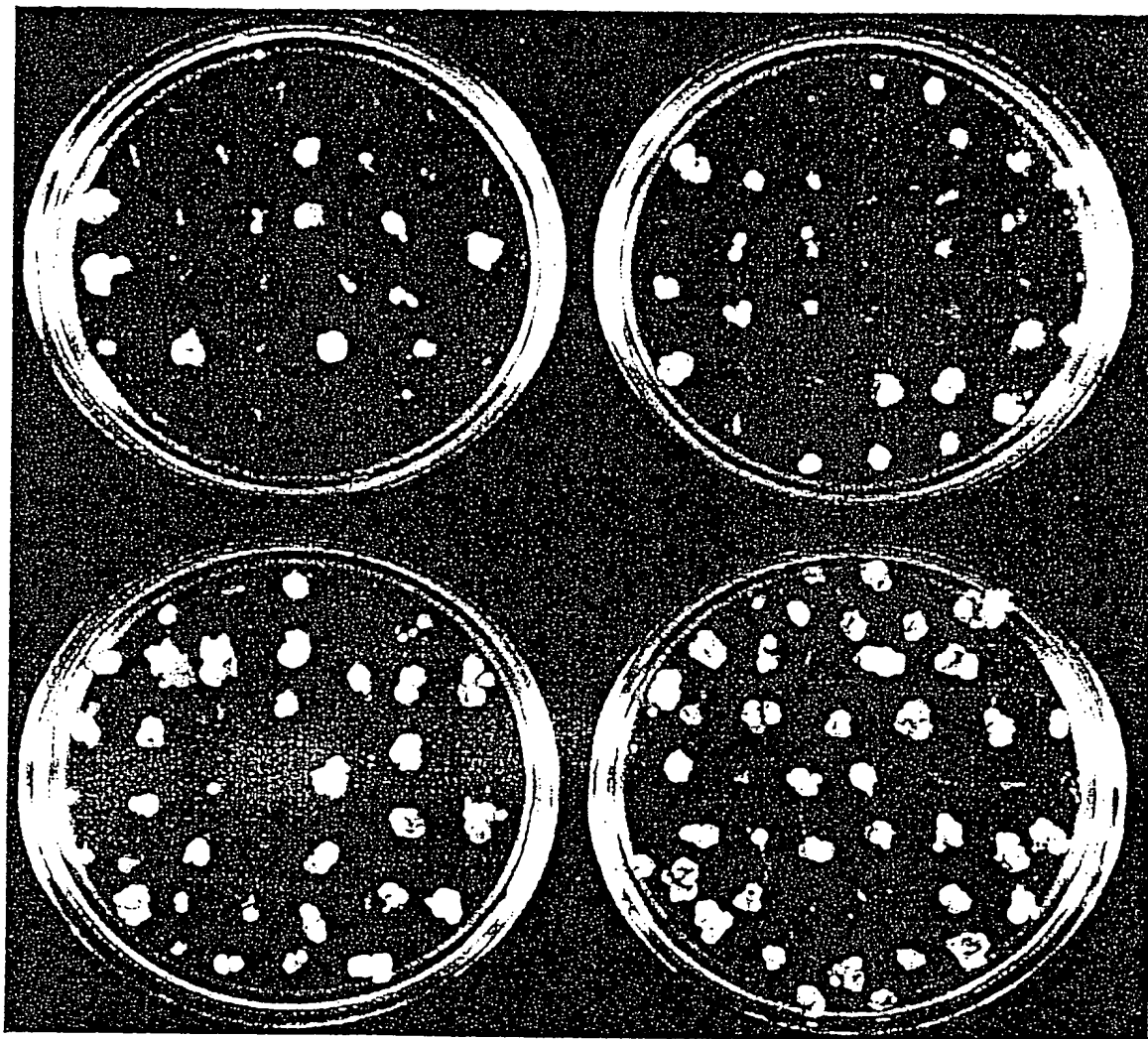


Transgenic *rat5* plants expressing
the *RAT5* histone H2A gene

Fig. 2D

Ws

Ws



Transgenic Ws plants overexpressing
the *RAT5* histone H2A gene

Fig. 3A

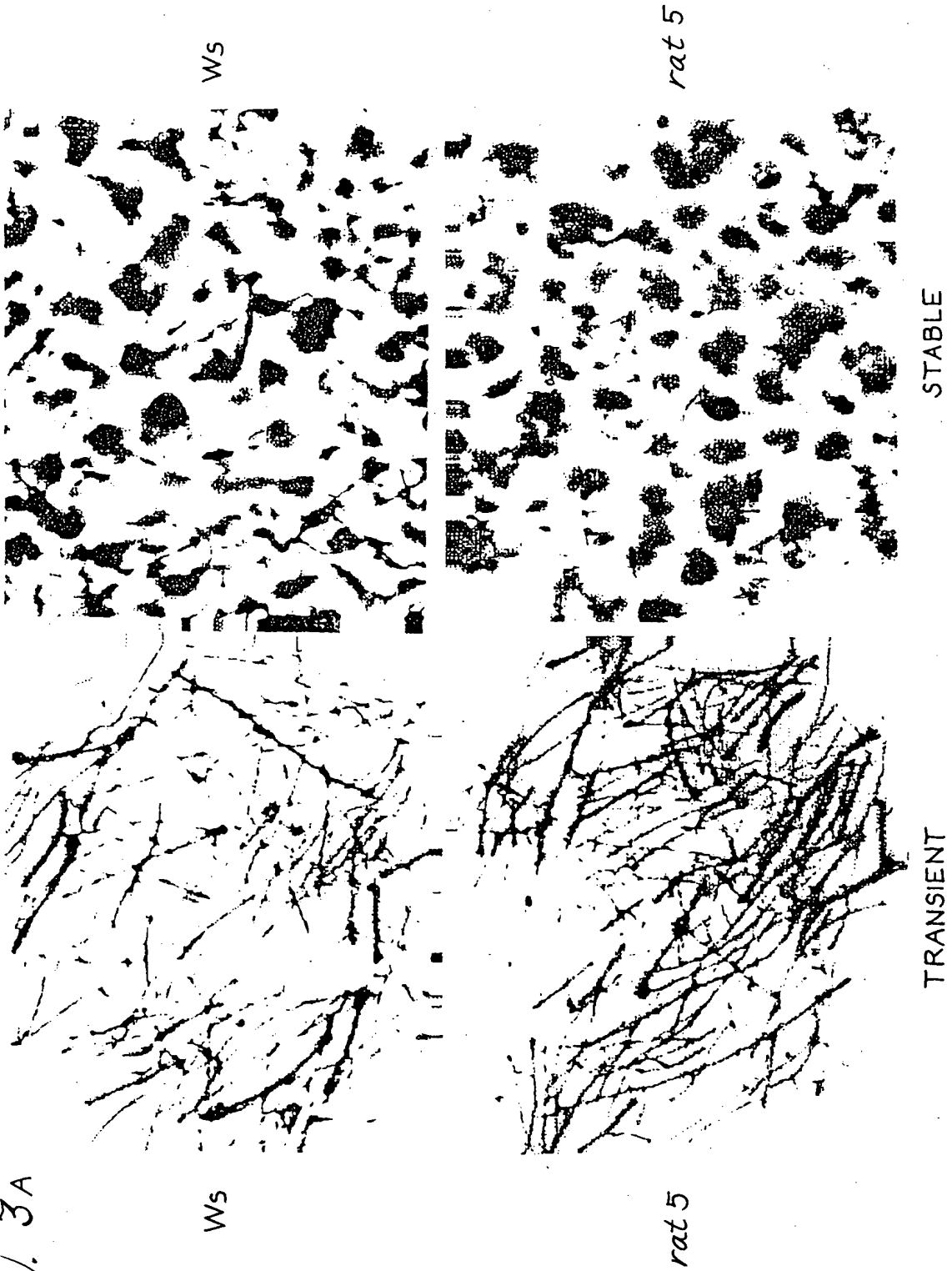


Fig. 3B

